



UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER NUMBER
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7

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

The reply filed 6/18/98 is not fully responsive to the communication mailed 1/26/98 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report.

Since the above-mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of **THIRTY (30) DAYS** from the mailing date of this notice within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Wang whose telephone number is (703) 306-3217. The examiner can normally be reached on Monday to Thursday from 8 a.m. to 4:00 p.m. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Elliott, can be reached on (703) 308-4003. The fax phone number for this Group is (703) 308-4242.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Andrew Wang
September 14, 1998

JOHN LAQUADER
PRIMARY EXAMINER
GROUP 1200
1620



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER NUMBER
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DATE MAILED: 03-24-88

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7.

Other: _____

Applicant must provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123
For CRF submission help, call (703) 308-4212
For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

03/978,635

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping"
- 2 ☐ Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping"
- 3 ☒ Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
All text must be visible on page.
- 4 ☐ Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.
- 5 ☐ Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 ☐ Variable Length Sequence(s) ____ contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) features section that some may be missing.
- 7 ☐ Wrong Designation Sequence(s) ____ contain amino acid or nucleic acid designators which are not standard
representations as per the Sequence Rules (Please refer to paragraph 1.822)
- 8 ☐ Skipped Sequences (OLD RULES) Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES" response to include the skipped sequence(s).
- 9 ☐ Skipped Sequences (NEW RULES) Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 10 ☐ Use of N's or Xaa's (NEW RULES) Use of N's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
- 11 ☐ Use of <213>Organism (NEW RULES) Sequence(s) ____ are missing this mandatory field or its response.
- 12 ☐ Use of <220>Feature (NEW RULES) Sequence(s) ____ are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
(Sec. 1.823 of new Sequence Rules)
- 13 ☐ Wrong Format File submitted was in the alphabetical heading format of the Old Sequence Rules. This is invalid since the
"Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures"
Federal Register Notice, Vol. 63, No. 104, June 1, 1998, p. 29620
applies to applications filed on or after July 1, 1998

PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/08/978,635

DATE: 08/20/98
TIME: 15:26:08

INPUT SET: S28157.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

error
throughout

1
2
3 (1) General Information
4
5 (i) APPLICANTS: ELAZAR RABBANI
6 JANNIS G. STAVRIANOPOULOS
7 JAMES J. DONEGAN
8 DAKAI LIU
9 NORMAN E. KELKER
10 DEAN L. ENGELHARDT
11
12 (ii) TITLE OF INVENTION: NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING COMPOSIT
13
14 (iii) NUMBER OF SEQUENCES: 42 delete - put in 42
15
16 (iv) CORRESPONDENCE ADDRESS:
17 (A) ADDRESSEE: ENZO THERAPEUTICS, INC.
18 (B) STREET: C/O ENZO BIOCHEM, INC.
19 527 MADISON AVENUE, 9TH FLOOR
20 (C) CITY: NEW YORK
21 (D) STATE: NY
22 (E) COUNTRY: USA
23 (F) ZIP: 10022
24
25 (v) COMPUTER READABLE FORM:
26 (A) MEDIUM TYPE: 3.5" Micro Floppy Disk. 1.44 KB
27 STORAGE
28 (B) COMPUTER: IBM PC/XT/AT, IBM PS/2 OR COMPATIBLES
29 (C) OPERATING SYSTEM: PC-DOS
30 (D) SOFTWARE: MICROSOFT WORD - ASCII TEXT (DOS)
31
32 (vi) CURRENT APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/978,635
34 (B) FILING DATE: 25-NOVEMBER-1997
35 (C) CLASSIFICATION: Not Yet Known
36
37 (vii) ATTORNEY/AGENT INFORMATION: *use a colon ":"*
38 (A) NAME: FEDUS, RONALD C.
39 (B) REGISTRATION NUMBER: 32,567
40 (C) REFERENCE/DOCKET NUMBER: ENZ-53(D4)
41
42 (viii) TELECOMMUNICATION INFORMATION: *use a colon ":"*
43 (A) TELEPHONE: (212) 583-0100
44 (B) TELEFAX: (212) 583-0150
45

all items 3

on Error
summary
sheet

Please
adjust line
length globally.

Per sequence rules,
only 72 characters
per line allowed.

fix margins.

RAW SEQUENCE LISTING PATENT APPLICATION US/08/978,635

DATE: 08/20/98
TIME: 15:26:09

INPUT SET: S28157.raw

--> 46 (ix)SEQUENCE DESCRIPTION:SEQ ID NO:1:
47

delete

ERRORED SEQUENCES FOLLOW:

48 (2) INFORMATION FOR SEQ ID NO:1:
49

50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH:20 amino acids

52 (B) TYPE:amino acid

53 (C) STRANDEDNESS:single

54 (D) TOPOLOGY:linear

55

56 (ii) MOLECULE TYPE: peptide

57

58 (iii) HYPOTHETICAL: NO

59 (ix) ← *fix globally*
60 (ix) SEQUENCE DESCRIPTION:SEQ ID NO:1:

61

62 Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp
63 *21* *5* *10 10*

64

65 Met Ile Ala Gly

66

67

68

813 (2) INFORMATION FOR SEQ ID NO:42:
814

815 (i) SEQUENCE CHARACTERISTICS:

816 (A) LENGTH:67 base pairs

817 (B) TYPE:nucleic acid

818 (C) STRANDEDNESS:single

819 (D) TOPOLOGY:linear

820

821 (ii) MOLECULE TYPE: other nucleic acid

822 (A) DESCRIPTION: /desc = "oligonucleotide"

823

824 (iii) HYPOTHETICAL: YES

825

826 (ix) ← *fix globally*
(ix) SEQUENCE DESCRIPTION:SEQ ID NO:42:

827

828 CCGGATAATA CGACTCACTA TAGGGCGAGC TCGGTACCCG GGTCTAGACT CGACCTGCAG 60

829

830 GCATGCT 67

831

832

833

834

835

see next page

(see 1.822h)
Per sequence rules, use one space between amino acids.

only 18 visible on page

Fix amino numbering.

DO NOT use TAB codes between amino numbers. Use space character.

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/978,635

DATE: 08/20/98

TIME: 15:26:10

INPUT SET: S28157.raw

--> 836 LC/WORD/USPROSECUTION/ENZ53D4/SEQUENCE LISTING.060898..enz-53(D4)
837 SEQ ID: PAGE 15
838
839 ENZ-53(D4)
840
841 ENZ-53(D4)
842
843
844

Delete

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/978,635

DATE: 08/20/98

TIME: 15:26:10

INPUT SET: S28157.raw

Line	Error	Original Text
14	Number of Sequences (0) Doesn't Equal Actual Count (42)	(iii)NUMBER OF SEQUENCES: __42__
35	Wrong Classification	(C)CLASSIFICATION:Not Yet Known
46	Unknown or Misplaced Identifier	(ix)SEQUENCE DESCRIPTION:SEQ ID NO:1:
51	Entered (20) and Calc. Seq. Length (19) differ	(A)LENGTH:20 amino acids
816	Entered (67) and Calc. Seq. Length (71) differ	(A)LENGTH:67 base pairs
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	Wrong Nucleic Acid Designator	SEQ ID: PAGE 15
837	# of Sequences for line conflicts w/ running total	SEQ ID: PAGE 15